



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Arsenault et al.  
Appl. No. : 10/681,374  
Filed : 10/9/03  
Title : WIDELY WAVELENGTH TUNEABLE POLYCHROME COLLOIDAL  
PHOTONIC CRYSTAL DEVICE

Grp./A.U. : 2124  
Examiner :

Docket No.: 14473

Honorable Assistant Commissioner of Patents  
Alexandria, VA 22313-1450

Sir:

**PTO CUSTOMER NO. 000293**

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Only copies of the non-US references listed on the attached Form PTO-1449 are attached.

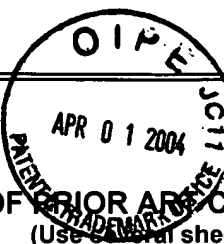
Respectfully submitted,

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Date: April 1, 2004

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FORM PTO-1449  
(Rev. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 14473

Serial No.  
10/681,374**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use additional sheets if necessary)

APPLICANT Arsenault et al.

FILING DATE 10/9/03

GROUP 2872

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	US 2002 0118435 A1	8/29/02	Foulger et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AB	WO 01 63345 A	8/30/01	WO Pub			X	

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AC	Galloro, J. et al. "Replicating the structure of a crosslinked polyferrocenylsilane inverse opal in the form of a magnetic ceramic", Advanced Functional Materials, May 2002, Wiley-Vch, Germany, Vol. 12, No. 5, pages 382-388
	AD	Satoh, S. et al., "Temperature and voltage dependent optical properties of conducting polymer in synthetic opal as photonic crystal", International Conference on Science and Technology of Synthetic Metals, Gastein, Austria, 15-21, July 2000, Vol. 121, No. 1-3, pages 1503-1504
	AE	Debord J.D. et al., "Color-tunable colloidal crystals from soft hydrogel nanoparticles" Advanced Materials, VCH Verlagsgesellschaft, Weinheim, DE, Vol. 14, No. 9, 3 May 2002, pages 658-662
	AF	Kulbaba, K. et al., "Organometallic Gels: Characterization and Electrochemical Studies of Swellable, Thermally Crosslinked Poly(ferrocenylsilane)s, Macromolecular Chemistry and Physics, Wiley VCH, Weinheim, DE, Vol. 202, No. 9, 6 July 2001, pages 1768-1775
	AG	Takeoka, Y. et al., "Polymer gels that memorize structures of mesoscopically sized templates. Dynamic and optical nature of periodic ordered mesoporous chemical gels" Langmuir, ACS, Washington, DC. US, Vol. 18, 2002, pages 5977-5980
	AH	Foulger, S. H. et al, "Integration of photonic bandgap composites with piezoelectric actuators for rejection wavelength tuning", Nanoscale Optics and Applications, Seattle, WA, USA, 9-9 July 2002, Vol. 4809, pages 40-50
	AI	Arsenault, Andre C. et al., A polychromic, fast response metallopolymer gel photonic crystal with solvent and redox tunability: A step towards photonic ink (P-ink)", Adv Mater; Advanced Materials March 17, 2003, Vol. 15, No. 6, pages 503-507

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.